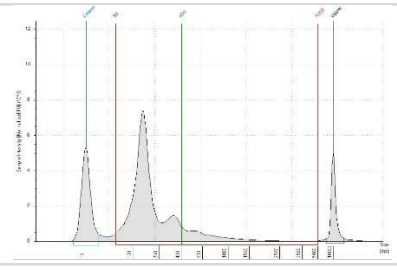


## BATCH CERTIFICATE

For Research Use Only

### PRODUCT INFORMATION AND QUALITY CONTROL

NAME OF PRODUCT	Nucleosome ctDNA (human, BDXXP4)		
DESCRIPTION	Nucleosome ctDNA (human, BDXXP4) is highly characterized human DNA from cell line.		
CATALOG NUMBER	SID-000128		
<b>BATCH NUMBER</b>	<b>00639</b>		
MANUFACTURING CONDITIONS	<ul style="list-style-type: none"> <li>· Manufactured und sealed in class 2 safety cabinet</li> <li>· Manufactured according to DIN EN ISO 13485:2016</li> </ul>		
PACKAGE SIZE AND TYPE	<ul style="list-style-type: none"> <li>· 2D barcoded tube with screw cap</li> <li>· Material: Polypropylen (PP)</li> </ul>		
DATE OF MANUFACTURE	03.01.2024		
EXPIRY DATE	02.01.2026		
TARGET CONCENTRATION	20 ng/μl (dsDNA)		
TARGET QUANTITY	400 ng (dsDNA)		
NOMINAL VOLUME	20 μl		
QUALITY	DNA quantity metrologically traceable to internationally certified reference material (ERM_AD442K).		
STORAGE CONDITIONS	+ 2-8°C		
MANUFACTURING SITE	SensID GmbH Schillingallee 68, 18057 Rostock, Germany		
TEST METHOD AND ACCEPTANCE CRITERIA	Quality control	Test method	Acceptance criteria
	Fragmentation	Fragment length analysis: Agilent D5000 ScreenTape System (Agilent Technologies)	Mononucleosomal peak size 137 – 167 bp
	Quality	Fragment length analysis: Agilent D5000 ScreenTape System (Agilent Technologies)	> 80% of AUC* within 50 – 400 bp (from total 50 – 5,000 bp)
	Quantification	dsDNA measurement: Qubit dsDNA BR Assay Kit (Invitrogen)	dsDNA: 20.0 ng/μl (17.5 – 22.5 ng/μl)
*AUC = area under the curve			

	Quality control	Result	PASS / FAIL
RESULTS OF ANALYSIS	Fragmentation	143 bp	PASS
			
	Quality	86.5%	PASS
	Quantification	20.1 ng/μl (dsDNA)	PASS
COMMENTS / REMARKS	not applicable		

Name and position/title of person authorising the batch release:

Björn Nowack, Managing Director

Date of batch release: 04.01.2024

Signature batch release: Björn Nowack

This document has been created electronically and is valid without signature.